Paragraph 16

Figure 5A is a map showing the predicted contours for the proposed operation.

The map for Figures 5A and 5B is a full scale copy of a portion of the USGS Hobbs, New Mexico/Texas 1:250,000 scale map. The relevant latitude and longitude lines are marked thereon to allow the Staff to determine locations as required. Only the relevant portion of the map and a corresponding section showing two intersecting edges of the map is being supplied due to size. Should the Staff decide the entire map is necessary, it will be promptly furnished on request.

Paragraph 17

The population within the 60 dBu contour was determined by a computer program using the 1980 US Census Data. The program electronically projects the 60 dBu contour onto the census data. Uniform distribution of population is assumed in areas outside cities.

Paragraph 20

The proposed construction would not come within Section 73.1307 of the Rules. The tower is an existing tower, and no change in height will be made.

The proposed facility will be in compliance with the ANSI Guidelines for Radiofrequency Radiation. With the facility operating at 3.0 kilowatts in both the horizontal and vertical planes the calculated power density on the ground will be 0.026 milliwatts per square centimeter or 2.6 percent of the maximum permissible power density. This calculation was made using "worst case" assumptions.

Thus it can be clearly seen that the proposed facility is in compliance with the ANSI guidelines for Radiofrequency Radiation.

Should maintenance work be necessary on the tower, power will be reduced to an appropriate level or operations terminated during the period of such maintenance.

Auxiliary Power Systems

The applicant will provide auxiliary power systems for essential equipment at the studio and transmitter location to assure continuous operation during emergency periods.

U.S. GOVERNMENT PRINTING OFFICE 1987 761 910

DO NOT REMOVE CARBONS

Form Approved OMB No 212 ...

US Department of Transportation
Federal Aviation Administration

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

Aeronautical Study Number: FIGURE 1

1. Nature of Proposal

A Type	B Class	C Work Schedule Dates
☐ New Construction	☒ Permanent	Beginning 30 days CP
☒ Alteration	☐ Temporary (Duration ____ months)	End 45 Days CP

2. Complete Description of Structure

A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure

B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports

C. Include information showing site orientation, dimensions, and construction materials of the proposed structure

Correct coordinates of existing tower; Add side mounted FM Bdcst antenna to structure.
Freq: 96.5 mHz; 3.0 KW ERP
300 Feet AAT

(If more space is required, continue on a separate sheet.)

3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code)

(214) 542-2056
area code / Telephone Number

Perla Acosta Ojeda
c/o Sellmeyer Engineering
P. O. Box 356
McKinney, Texas 75069

B. Name, address and telephone number of proponent's representative if different than 3 above.

4. Location of Structure

A Coordinates (To nearest second)	B Nearest City or Town, and State	C Name of nearest airport, heliport, flightpark or seaplane base
	Hobbs, New Mexico	Industrial Airpark
32° 46' 10.5" Latitude	(1) Distance to 4B: 2.0 Statute Miles	(1) Distance from structure to nearest point of nearest runway: 5.0 Statute
103° 07' 04" Longitude	(2) Direction to 4B: SSW	(2) Direction from structure to airport: West

5. Height and Elevation (Complete to the nearest foot)

A. Elevation of site above mean sea level	3649
B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated	459
C. Overall height above mean sea level (A + B)	4108

D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s). (If more space is required, continue on a separate sheet of paper and attach to this notice.)

Tower is located 0.55 mi. east od Denver City highway 132 on County Road C-75

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than $500 for the first offense and not more than $2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).

I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.

Date	Typed Name/Title of Person Filing Notice	Signature
July 2, 1991	J. J. Sellmeyer, P. E. Consulting Engr.	J. J. Sellmeyer

FOR FAA USE ONLY — FAA will either return this form or issue a separate acknowledgement.

The Proposal:

- ☐ Does not require a notice to FAA.
- ☐ Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to air navigation.
- ☐ Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to air navigation.
- ☐ Should be obstruction ☐ marked, ☐ lighted per FAA Advisory Circular 70/7460-1, Chapter(s) ____

Supplemental Notice of Construction FAA Form 7460-2 is required any time the project is abandoned, or

- ☐ At least 48 hours before the start of construction.
- ☐ Within five days after the construction reaches its greatest height.

This determination expires on ____________ unless:

(a) extended, revised or terminated by the issuing office;
(b) the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date. In such case the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application.

NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date.

If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that

SELLMEYER ENGINEERING
BROADCAST AND COMMUNICATIONS CONSULTING ENGINEERS
P. O. Box 356 McKinney, Texas 75069
MEMBER AFCCE

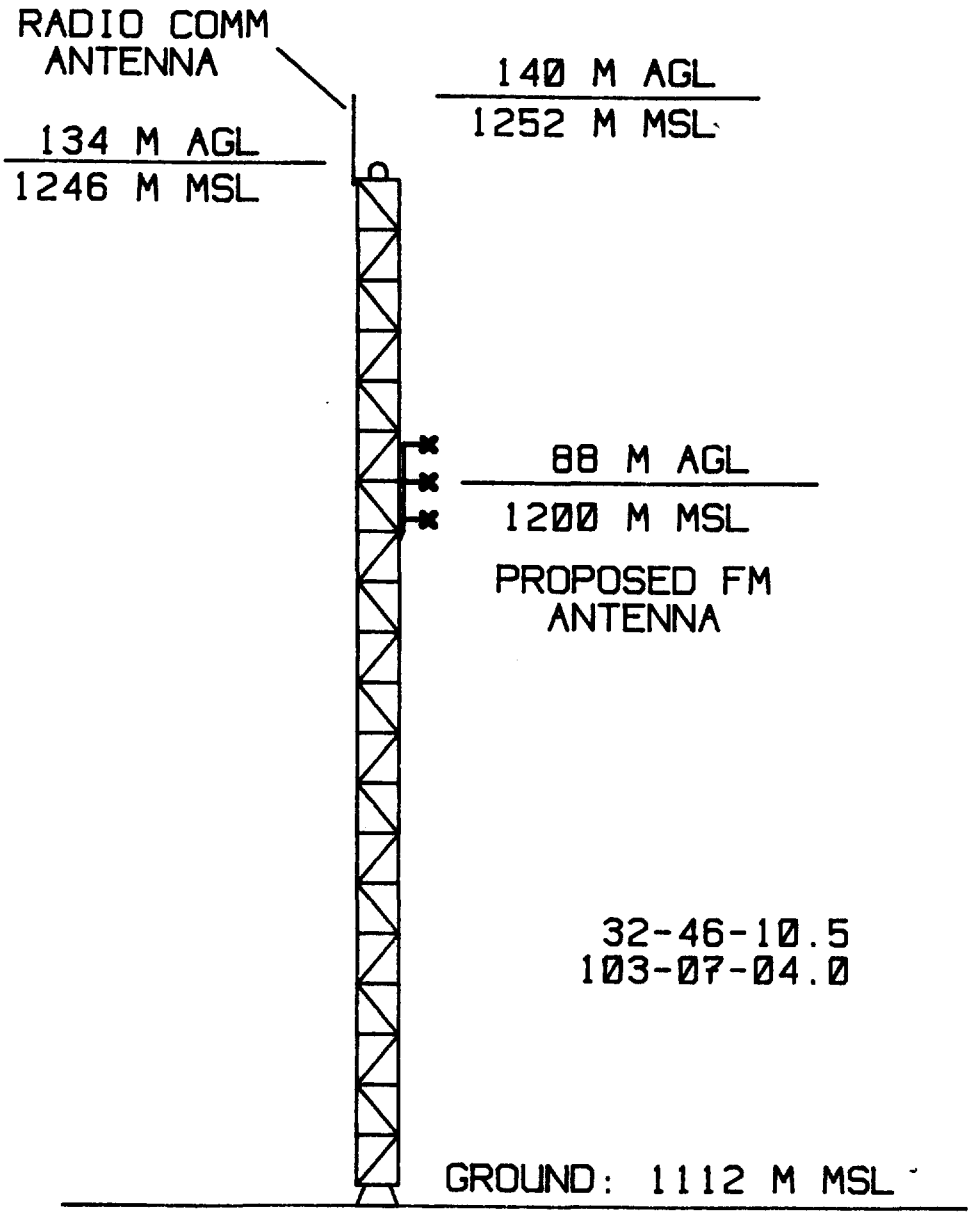


FIGURE 2
PERLA ACOSTA OJEDA
CHANNEL 243A
HOBBS NEW MEXICO
VERTICAL PLAN SKETCH

Figure 3

Sellmeyer Engineering PAGE 1

FM Study for: OJEDA FCC Database Date: 5/91 32-46-11
Location: HOBBS, NM Channel Class: A 103-07-04

Call Status	City State	Proponent	Chan	Class	Freq	kW	File Number	HAAT	Latitude Longitude	Dist. Azm.	Required Clear (km)	
>>>>>>>> Study For Channel 243 96.5 mHz <<<<<<<<												
ALLOC	HOBBS		243	A	96.5				32-42-00	7.8	115	
VAC	NM					-90-220		0	103-07-54	189.6	-107.2	SHORT

SELLMEYER ENGINEERING
BROADCAST AND COMMUNICATIONS CONSULTING ENGINEERS
P. O. Box 356 McKinney, Texas 75069
MEMBER AFCCE

CERTIFICATION OF ENGINEER

I hereby state that:

I am President of Sellmeyer Engineering

The Firm of Sellmeyer Engineering has been retained by Perla Acosta Ojeda to prepare this Engineering Exhibit

I am a graduate of Arizona State University with the degree of Bachelor of Science in Engineering

I am a Registered Professional Engineer in the States of Ohio and Texas

My qualifications as an Engineer are known to the Federal Communications Commission, having been previously accepted in applications of this type

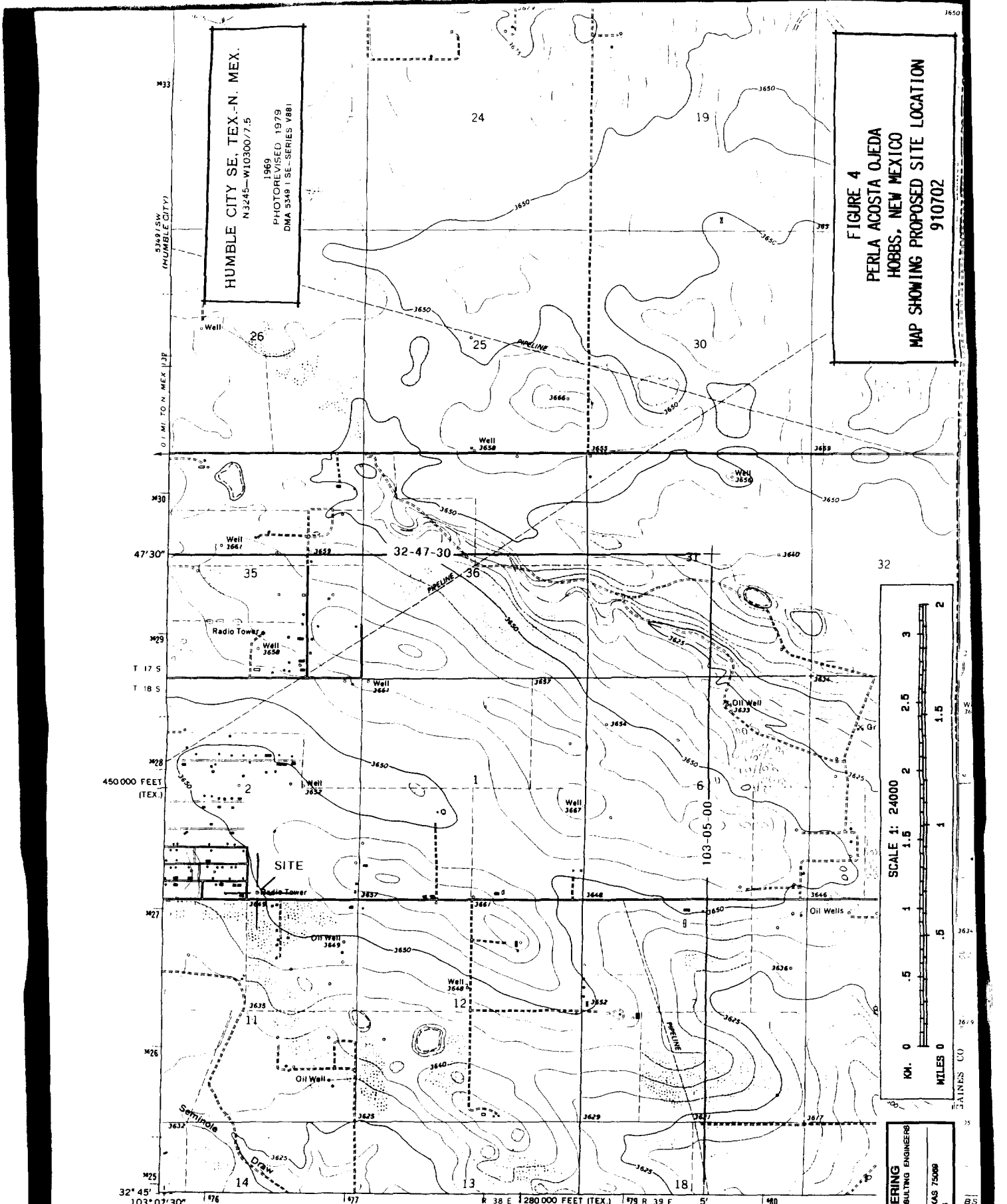
This Engineering Exhibit was prepared by me personally or under my direct supervision, and

All facts stated herein are true and correct to the best of my knowledge and belief.

J. S. Sellmeyer, P. E.

July 2, 1991

P. O. Box 356
McKinney, Texas 75069
214-542-2056



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1967, and planetable surveys 1969

Polyconic projection. 1927 North American datum
10,000-foot grids based on Texas coordinate system, north central zone, and New Mexico coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Fine red dashed lines indicate selected fence lines

Revisions shown in purple compiled from aerial photographs take 1977 and other source data. This information not field checked. Map edited 1979

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 44 meters east as shown by dashed corner ticks

THIS MAP
FOR SALE BY U. S. GEOLOGIC
A FOLDER DESCRIBING TOPOGRAPHIC M

SELLMEYER ENGINEERING
BROADCAST AND COMMUNICATIONS CONSULTING ENGINEERS
AM • FM • TV
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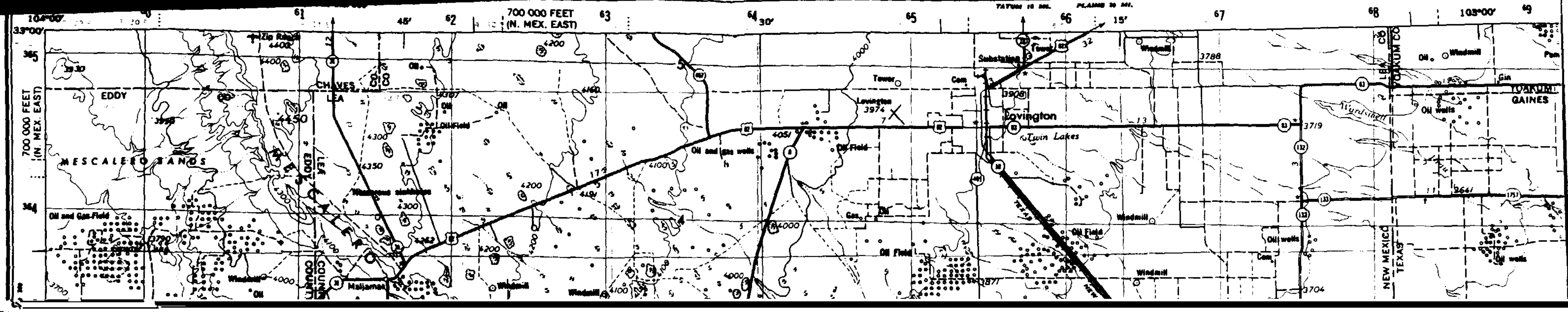

700 000 FEET
(N. MEX. EAST)
EDDY
CHAVES
LEA
MESCALERO SANDS
Maljamar
Lovington
Twin Lakes
NEW MEXICO
TEXAS
YOAKUM
GAINES